

ABSTRACT OF THE DISCLOSURE

A silt fence includes a support comprising having a rear strut pivotally joined with an articulated front support. A geo-textile sheet attaches to the support forming a filtration barrier having compound slope. A lower section is sloped at the first angle sufficiently steep to shed non-colloidal silt. An upper section is sloped at the second slope angle sufficiently shallow so as to expose a proportionally greater barrier surface area to ponded water to increase the water flow capacity for given height of water. Additionally, the second slope angle is sufficiently steep to shed a portion of the non-filtered colloidal silt.